	Application No.	Applicant(s)
Notice of Allowability	10/686,979	SIMPSON ET AL.
	Examiner	**Art Unit**	
	April Y. Shan	2135	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *31 August 2007*.

2. ☒ The allowed claim(s) is/are *1-4,6,7,10-13,16-24,27-29 and 33-41*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

1.   Claims 1-4, 6-7, 10-13, 16-24, 27-29 and 33-41 have been examined.

Response to Amendment

2. By this amendment, claims 1, 2, 4, 11, 13, 17-18, 23, 29, 33-34 and 37 have

been amended. Claims 5, 8-9, 14-15, 25-26, 30-32 and 42-48 have been cancelled.

No new claims have been added.

Claim Objections

3. As a result of the canceling the claims, the examiner withdraws the pending claim

objection.

Claim Rejections - 35 USC § 112

4. As a result of the amendment to the claims and canceling the claims, the

examiner withdraws the pending claim rejection.

Claim Rejections - 35 USC § 101

5. As a result of amendment to the claims 1, 18 and 37 and canceling the claims,

the examiner withdraws the pending claim rejection to claims 1, 6-10, 18-26, 37 and

39-40.

6. The examiner withdraws the pending 101 rejections to the claims 17 and 33 due

to the authorized examiner's amendment (Please see below examiner's

amendment)

Response to Arguments

7.   Applicant's argument filed 31 August 2007 have been fully considered and they

are persuasive (See allowable subject matter below)

EXAMINER'S AMENDMENT

8.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Mr. Peter Kraguljac and Mr. Douglas Gilbert (Registration No. 27196, HP-in house

attorney), on 31 October 2007.

Please amend the claims as follows:

Claim 17. (Currently Amended) ~~A computer-readable medium~~ A volatile or non-volatile

computer readable medium storing processor executable instructions operable to

perform a method, the method comprising:

receiving a print item identifier that identifies a print item to process, where the

print item is stored in a first enterprise;

receiving an image forming device identifier that identifies an image forming

device on which the print item is to be processed, where the image forming device is

located in a second enterprise;

providing a print request to a wireless network web services provider that has

access to the first enterprise and the second enterprise; and

providing an encryption service that facilitates encrypting the print item in the first enterprise and decrypting the print item in the image forming device where providing an encryption service includes producing a one time public/private key pair that includes a public key component and a private key component, providing the public key component of the one time public/private key pair to the wireless network web services provider, and providing the private key component of the one time public/private key pair to the image forming device.

Claim 33. (Currently Amended) A computer-readable medium A volatile or non-volatile computer readable medium storing processor executable instructions operable to perform a method, the method comprising:

receiving into an image forming device, from a wireless communication device, a request to produce an image from an encrypted print item stored in a print queue provided by a web services provider;

communicating with the web services provider to have the encrypted print item transmitted to the image forming device;

receiving the encrypted print item;

.decrypting the encrypted print item into a decrypted print item where decrypting the encrypted print item comprises:

retrieving an encrypted session key from the encrypted print item;

providing the encrypted session key to the wireless communication device for decryption;

receiving a decrypted session key from the wireless communication

device; and

decrypting the encrypted print item into the decrypted print item based, at

least in part, on the decrypted session key; and

forming an image from the decrypted print item.

Claim 37. (Currently Amended)   A secure foreign enterprise print system, comprising:

a wireless network communication device configured to communicate via cellular

telephony with one or more wireless communication devices;

a controller logic configured to receive a request to provide print services for a

print item stored on a first enterprise and, in response to receiving the

request to provide print services, generating a request for the print item,

identifying a gateway to the first enterprise, and transmitting the request

for the print item to the gateway;

a print queue data store configured to store one or more encrypted print items,

where the print queue data store is organized, at least in part, on a per

wireless communication device user basis; and

a print queue logic configured to receive an encrypted print item from the first

enterprise, to store the encrypted print item in the print queue data store,

to receive a request for the encrypted print item from an image forming

device in a second enterprise, and to transmit the encrypted print item to

the image forming device; and

an encryption logic configured to parse an encrypted session key out of an

encrypted print item from the print queue data store, to provide the

encrypted session key to a wireless communication device, to receive a

decrypted session key from the wireless communication device, and to

decrypt the encrypted print item based, at least in part, on the decrypted

session key.

Claim 41. (Currently Amended) A secure foreign enterprise print system, comprising:

a cellular telephone comprising:

a first wireless network communication logic configured to communicate a print request related to a print item that is stored in a first enterprise and a printer that is located in a second enterprise, where the print request is communicated to a wireless network web services provider via cellular telephony;

a discovery logic configured to identify the printer that the secure foreign enterprise printing system will employ to print the print item;

a printer communication logic configured to communicate a printer data with the printer, where the print request may be configured based, at least in part, on the printer data; and

a cellular telephone encryption logic configured to facilitate providing security for the print item as it travels from the first enterprise to the printer where providing security is facilitated by communicating one or more encryption data with one or more of, the printer and the wireless network web services provider, the cellular telephone encryption logic being configured to generate a one time public/private key pair that includes a public key component and a private key component, to provide the public key component of the one time public/private key pair to the wireless network web services provider via the first wireless network communication logic, and to provide the private key component of the one time public/private key pair to a printer via a network communication logic;

a printer, comprising:

a network communication logic configured to communicate with the wireless network web services provider;

a wireless communication device logic configured to communicate with the cellular telephone;

a printer encryption logic configured to facilitate providing security for the print item by communicating one or more encryption data with the cellular telephone; and

an image forming logic configured to produce a printable image from the print item;

and

a web services provider comprising: a second wireless network communication logic configured to communicate via cellular telephony with the cellular telephone;

a controller logic configured to receive a request to provide print services and, in response to receiving the request to provide print services, generating a request for the print item, identifying a gateway to the first enterprise, and transmitting the request for the print item to the gateway;

a print queue data store configured to store one or more encrypted print items, where the print queue data store is organized, at least in part, on a per cellular telephone user basis; and

a print queue logic configured to receive an encrypted print item from the first enterprise, to store the encrypted print item in the print queue data store, to receive a request for the encrypted print item from the printer, and to transmit the encrypted print item to the printer.

Allowable Subject Matter

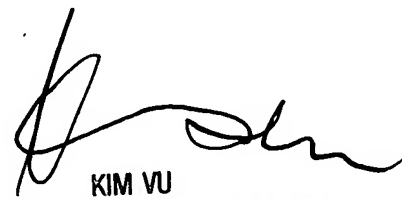9.   Claims 1-4, 6-7, 10-13, 16-24, 27-29 and 33-41 are allowed.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to April Y. Shan whose telephone number is (571) 270-1014. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y. Vu can be reached on (571) 272-3859. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

31 October, 2007
AYS

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